

TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

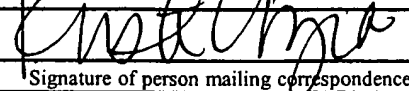
|                               |                |
|-------------------------------|----------------|
| Date                          | 15 August 2002 |
| International Application No. | 10/520252      |
| Attorney Docket No.           | 00595.0033PCT  |

I. Certification under 37 CFR 1.10 (if applicable)

|                             |
|-----------------------------|
| EV099381846US               |
| Express Mail mailing number |

|                 |
|-----------------|
| 15 August 2002  |
| Date of Deposit |

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

|   |
|---|
|  |
| Signature of person mailing correspondence  |

|  |
|--|
| Kristin J. Azcona                                      |
| Typed or printed name of person mailing correspondence |

II. ☒ New International Application

|       |   |
|-------|---|
| TITLE | NANOPOROUS MATERIALS AND METHODS OF FORMATION THEREOF |
|-------|---|

|  |
|--|
| Earliest priority date<br>(Day/Mon/Year) |
| 15 August 2002 (15.18.02)                |

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.
- B. ☒ There is no prior U.S. application relating to this invention.
- C. ☐ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

|                 |  |          |  |
|-----------------|--|----------|--|
| application no. |  | filed on |  |
| application no. |  | filed on |  |

- D. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages  and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

|       |  |                             |       |  |                 |
|-------|--|-----------------------------|-------|--|-----------------|
| pages |  | of the request (PCT/RO/101) | pages |  | of the figures  |
| pages |  | of the description          | pages |  | of the abstract |
| pages |  | of the claims               |       |  |                 |

- D. ☐ Submission of Priority Documents

|                   |  |                   |  |
|-------------------|--|-------------------|--|
| Priority document |  | Priority document |  |
|-------------------|--|-------------------|--|

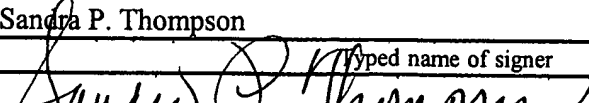
- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☐ Other (please specify):

BEST AVAILABLE COPY

The person  
signing this  
form is the:

|  |  |
|--|--|
| <input type="checkbox"/> Applicant                                     | Sandra P. Thompson   |
| <input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)<br>46264 | <br>Typed name of signer |

10/520252

Practitioner's Docket No. 7210332001-3221000  
Honeywell Docket No. 30-4333 US -4780

## CHAPTER II

Preliminary Classification:

Proposed Class:

Subclass:

**TRANSMITTAL LETTER  
TO THE UNITED STATES ELECTED OFFICE (EO/US)**

## (ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

|                                  |                           |                                      |
|----------------------------------|---------------------------|--------------------------------------|
| PCT/US02/26276                   | 15 August 2002            | 15 August 2002                       |
| International Application Number | International Filing Date | International Earliest Priority Date |

TITLE OF INVENTION: NANOPOROUS MATERIALS AND METHODS OF FORMATION THEREOF

APPLICANT(S): Nigel HACKER; William BEDWELL; Scott LEFFERT; Lisa FIGGE; Richard SPEAR; and  
Teresa RAMOS

**Mail Stop PCT  
PO Box 1450**

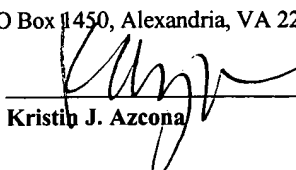
## CERTIFICATION UNDER 37 C.F.R. SECTION 1.10\*

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date **January 3, 2005**, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number **EV450344605US**, addressed to the: Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

EV450344605US

  
Kristin J. Azcona

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. Section 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. Section 1.10(b).  
"Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

Alexandria, VA 22313-1450

ATTENTION: EO/US

1. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. Section 371:

- a. This express request to immediately begin national examination procedures (35 U.S.C. Section 371(f)).
- b. The U.S. National Fee (35 U.S.C. Section 371(c)(1)) and other fees (37 C.F.R. Section 1.492) as indicated below:

## 2. Fees

| CLAIMS FEE*  | (1) FOR  | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE    | (5) CALCULATIONS |
|--------------|--|------------------|------------------|-------------|------------------|
| BASIC FEE    | TOTAL CLAIMS   | 41 - 20 =        | 21               | x \$18.00 = | \$378.00         |
|              | INDEPENDENT CLAIMS   | 2 - 3 =          | 0                | x \$88.00 = | \$0.00           |
|              | MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$300.00   |                  |                  |             | \$0.00           |
|              | U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY<br>Where an International preliminary examination fee as set forth in Section 1.482 has been paid on the international application to the U.S. PTO:<br>and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(2) to (4) have been satisfied for all the claims presented in the application entering the national stage (37 C.F.R. Section 1.492(a)(4)) .....<br>\$100.00 |                  |                  |             | \$100.00         |
|              | Total of above Calculations  |                  |                  |             | = \$478.00       |
| SMALL ENTITY | Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed. (note 37 CFR Sections 1.9, 1.27, 1.28)  |                  |                  |             | Not Applicable   |
|              | Subtotal   |                  |                  |             | \$478.00         |
|              | Total National Fee   |                  |                  |             | \$478.00         |
|              | Fee for recording the enclosed assignment document \$40.00 (37 C.F.R. Section 1.21(h)). See attached "ASSIGNMENT COVER SHEET".   |                  |                  |             | \$0.00           |
| TOTAL        | Total Fees enclosed  |                  |                  |             | \$478.00         |

\*See attached Preliminary Amendment Reducing the Number of Claims.

10/520252  
DT15 Rec'd PCT/PTO 03 JAN 2005

Please charge deposit account No. 502518 in the amount of \$478.00 to cover the above fees.

3. A copy of the International application as filed (35 U.S.C. Section 371(c)(2)) is not required, as the application was filed with the United States Receiving Office.

4. A translation of the International application into the English language (35 U.S.C. Section 371(c)(2)) is not required as the application was filed in English.

5. Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. Section 371(c)(3)) are not transmitted herewith because there were no amendments filed.

6. A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. Section 371(c)(3)) is not required as the amendments were made in the English language.

7. A copy of the international examination report (PCT/IPEA/409) is not required as the application was filed with the United States Receiving Office.

8. Annex(es) to the international preliminary examination report is/are not required as the application was filed with the United States Receiving Office.

9. A translation of the annexes to the international preliminary examination report is not required as the annexes are in the English language.

10. An oath or declaration of the inventor (35 U.S.C. Section 371(c)(4)) complying with 35 U.S.C. Section 115 is not submitted and such oath or declaration will be submitted at a later date.

II. Other document(s) or information included:

11. An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a) is not required, as the application was searched by the United States International Searching Authority.

12. An Information Disclosure Statement under 37 C.F.R. Sections 1.97 and 1.98 will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. Section 371(c).

13. Additional documents:

a. Copy of request (PCT/RO/101)

b. First Page of WO 2004/017335

14. The above items are being transmitted before 30 months from any claimed priority date.

### AUTHORIZATION TO CHARGE ADDITIONAL FEES

The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the entire pendency of this application to Account No.: 502518.

37 C.F.R. Section 1.492(a)(1), (2), (3), and (4) (filing fees)

37 C.F.R. Section 1.492(b), (c), and (d) (presentation of extra claims)

37 C.F.R. Section 1.17 (application processing fees)

37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a))

37 C.F.R. Section 1.492(e) and (f) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 20 months after the priority date).

Date: January 3, 2005



Sandra P. Thompson  
Reg. No. 46264

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